and crossing the tube holes.

## Claims

1. A heat exchanger, comprising a shell designed as a pressure vessel, provided with shell-sided supply and discharge means with which the shell can be flowed through with a first medium under pressure, further comprising a nest of tubes extending at least partly within the shell, provided with tube-sided supply and discharge means with which the tubes from the nest can be flowed through with a second medium in heat exchanging contact with the first medium under pressure, of which nest the individual tubes are each included with a supply and discharge side in tube bores extending substantially transversely to the plane of a tube plate included in the shell, characterized in that the tubes are connected with the tube-sided supply and

2. A heat exchanger according to claim 1, wherein the connecting channels comprise straight bores each crossing at least two tube bores.

discharge means via connecting channels located in the plane of the tube plate

3. A heat exchanger according to claim 1 or 2, wherein the tube bores 170 + 168 are designed to be continuous and are scaled with plugs.

- 4. A heat exchanger according to claim 3, wherein the plugs are detachable.
- 5. A heat exchanger according to any one of the preceding claims, apparently intended or suitable for a heat exchanger according to any one of the preceding claims, comprising a flat body part with a number of tube bores extending substantially transversely to the plane of the body part between a back face and a top face and one or more connecting channels located in the plane of the tube plate and crossing the tube holes.

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